

**=> IFW:      Scan as Doc Code: SRNT    <=  
                 Doc Date:**

## **TC 3700 Inventor Search Program**

See attached inventor searches for applications and/or patents to help resolve questions of overlapping subject matter. These searches are provided as an initial examination aid: examiners should perform updated or expanded PALM or EAST inventors searches as appropriate.

---

**Serial Number: 10732985**

**1.) See attached printout of inventors listed in  
PALM**

**2.) See attached EAST Inventor Search  
Printout shows Inventor search terms**

**PALM INTRANET**Day : Monday  
Date: 5/8/2006  
Time: 10:34:43

## Inventor Information for 10/732985

Inventor Name	City	State/Country
BRODNICK, DONALD E.	CEDARBURG	WISCONSIN
SCHLUTER, PAUL S.	WHITEFISH BAY	WISCONSIN
GRAY, JAMES M.	FOX POINT	WISCONSIN
HUTCHINSON, GEORGE M.	MILWAUKEE	WISCONSIN

[Appln Info](#)[Contents](#)[Petition Info](#)[Atty/Agent-Info](#)[Continuity Data](#)[Foreign Data](#)

Search Another: Application#

or Patent#

PCT /

or PG PUBS #

Attorney Docket #

Bar Code #

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

US 20060080718 A1	20060413	System and method for content transmission network selection	725/100	725/131; 725/46	Gray; James H. et al.
US 20060075456 A1	20060406	Methods and systems for collaborative capture of television viewer generated clickstreams	725/135	725/120; 725/142; 725/37	Gray; James Harold et al.
US 20060036630 A1	20060216	System and process for identifying objects and/or points nearby a given object or point	707/100		Gray; James N.
US 20060036629 A1	20060216	System and process for identifying objects and/or points nearby a given object or point	707/100		Gray; James N.
US 20060031406 A1	20060209	System and method to remotely manage and audit set top box resources	709/218		Watson; P. Thomas et al.
US 20060010466 A1	20060112	System and method for inserting advertising content in broadcast programming	725/32		Swix; Scott R. et al.
US 20060005740 A1	20060112	Railway freight car end sill transition member	105/420		Gray; James A.
US 20050279840 A1	20051222	Thermostat with mechanical user interface	236/1C		Schwendinger, Paul G. et al.
US 20050245830 A1	20051103	System and method of monitoring systolic pressure variation	600/483	600/485; 600/529	Hutchinson, George Martin
US 20050203431 A1	20050915	Respiration monitoring system and method	600/529	600/509	Brodnick, Donald E. et al.
US 20050192845 A1	20050901	MOBILE CLINICAL INFORMATION SYSTEM	705/3		Brinsfield, James W. et al.
US 20050165319 A1	20050728	Portable ECG device with wireless communication interface to remotely monitor patients and method of use	600/509	128/903	Brodnick, Donald Eugene et al.
US 20050165318 A1	20050728	Portable ECG device with wireless communication interface to remotely monitor patients and method of use	600/509	128/903	Brodnick, Donald Eugene et al.
US 20050154287 A1	20050714	Systems and methods for determining the electrical activity of a material	600/407		Schluter, Paul S.
US 20050145187	20050707	Asset management of livestock in an open range using satellite	119/174	340/10.1	Gray, James DeWayne

A1		communications			
US 20050138668 A1	20050623	System and method for enhanced hot key delivery	725/110	725/139; 725/60	Gray, James Harold et al.
US 20050132419 A1	20050616	Methods and systems for network based capture of television viewer generated clickstreams	725/135	348/460; 725/37	Gray, James Harold et al.
US 20050132402 A1	20050616	Methods and systems for collaborative capture of television viewer generated clickstreams	725/37	348/460; 348/552; 725/135; 725/80	Gray, James Harold et al.
US 20050131282 A1	20050616	Apparatus and method for acquiring oximetry and electrocardiogram signals	600/323	600/324; 600/509	Brodnick, Donald E. et al.
US 20050101844 A1	20050512	System and method for linking patient monitoring data to patient identification	600/300	235/375; 705/2	Duckert, David Wayne et al.
US 20050085863 A1	20050421	Detection of function of implanted medical devices	607/27		Brodnick, Donald E. et al.
US 20050076394 A1	20050407	System and method to remotely manage and audit set top box resources	725/151	709/226	Watson, P. Thomas et al.
US 20050054428 A1	20050310	Gaming device having multiple transverse rotating displays	463/25	463/20	Nordman, Dennis et al.
US 20050024221 A1	20050203	Self-contained alert device	340/686.1	340/568.1	Jamison-Lenz, Pamela et al.
US 20050020886 A1	20050127	Monitoring system and method using rules	600/300	128/920; 702/19; 705/2	Hutchinson, George M. et al.
US 20050005487 A1	20050113	Display device with rail support	40/452	40/591	Gray, James Earl et al.
US 20050004481 A1	20050106	METHOD AND APPARATUS FOR ALGORITHM FUSION OF HIGH-RESOLUTION ELECTROCARDIOGRAMS	600/509		XUE, JOEL Q. et al.
US 20050000126 A1	20050106	Display device with rail support	40/452		Gray, James Earl et al.
US 20040268418 A1	20041230	Interactive content with enhanced network operator control	725/135	725/110; 725/113; 725/136; 725/34	Gray, James Harold et al.

US 20040268417 A1	20041230	System and method for providing enhanced hot key functionality	725/135	725/110; 725/112; 725/113; 725/136	Gray, James Harold et al.
US 20040268416 A1	20041230	System and method for providing enhanced hot key control	725/135	715/500.1; 715/501.1; 725/110; 725/111; 725/112; 725/113	Gray, James Harold et al.
US 20040268404 A1	20041230	System and method for message notification	725/112	725/109; 725/110; 725/111; 725/34; 725/35	Gray, James Harold et al.
US 20040268401 A1	20041230	System and method for providing interactive media content over a network	725/110	715/500.1; 715/501.1; 725/111; 725/112; 725/113; 725/34	Gray, James Harold et al.
US 20040268385 A1	20041230	User originated content notification	725/34	725/110; 725/139	Gray, James Harold et al.
US 20040254481 A1	20041216	Methods and systems for monitoring respiration	600/484		Brodnick, Donald E.
US 20040249820 A1	20041209	Automatically populating an application's working directory with files having a specified type from other directory locations	707/100		Cooper, Michael Richard et al.
US 20040249249 A1	20041209	Method and apparatus for communicating an alarm while monitoring	600/300		Lawson, Corey James et al.
US 20040237098 A1	20041125	Set top box with firewall	725/25	725/132; 725/80	Watson, Paul Thomas et al.
US 20040236188 A1	20041125	Method and apparatus for monitoring using a mathematical model	600/300		Hutchinson, George M. et al.
US 20040236187 A1	20041125	Method and apparatus for controlling an alarm while monitoring	600/300		Bock, Elizabeth A. et al.
US 20040205511 A1	20041014	Method and apparatus for extending browser bookmarks	715/501.1	715/500.1	Best, Steven Francis et al.

US 20040163130 A1	20040819	Method to enable cooperative processing and resource sharing between set-top boxes, personal computers, and local devices	725/132	725/140; 725/152; 725/50	Gray, James H. et al.
US 20040154714 A1	20040812	Combination wallet and tool holder	150/131	206/234	Gray, James Troy
US 20040148829 A1	20040805	Display device with rail support	40/452		Gray, James Earl et al.
US 20040148277 A1	20040729	System and process for identifying objects and/or points nearby a given object or point	707/3		Gray, James N.
US 20040024327 A1	20040205	Method and apparatus for real time display of filtered electrocardiogram data	600/509		Brodnick, Donald Eugene
US 20040015089 A1	20040122	Method and apparatus for generating a twelve-lead ECG from fewer than ten electrodes	600/509		Brodnick, Donald Eugene
US 20040000089 A1	20040101	Method of improving the compatibility of a fuel additive composition containing a mannich condensation product	44/330		Carabell, Kevin D. et al.
US 20030172582 A1	20030918	Fuel additive compositions containing a mannich condensation product, a poly (oxyalkylene) monool, and a carboxylic acid	44/330		Carabell, Kevin D. et al.
US 20030153840 A1	20030814	Physiological-signal-analysis device having a plurality of electrode leads	600/509		Brodnick, Donald E. et al.
US 20030131266 A1	20030710	Generating and maintaining encrypted passwords	713/184	726/30	Best, Steven Francis et al.
US 20030130957 A1	20030710	PDA password management tool	705/72		Best, Steven Francis et al.
US 20030121047 A1	20030626	System and method for content transmission network selection	725/93	370/235; 725/95; 725/98	Watson, Paul T. et al.
US 20030121037 A1	20030626	System and method for inserting advertising content in broadcast programming	725/34	725/32; 725/9	Swix, Scott R. et al.
US 20030088275 A1	20030508	PORTABLE PATIENT MONITOR WITH DEFIBRILLATOR/PACEMAKER INTERFACE AND BATTERY	607/5		Palmer, Michael J. et al.

		POWER MANAGEMENT			
US 20030078089 A1	20030424	Gaming device having a mechanical award indicator	463/16	463/20	Gray, James M. et al.
US 20030064790 A1	20030403	Gaming device having a mechanical award indicator	463/20		Hughs-Baird, Andrea C. et al.
US 20030045804 A1	20030306	Method and apparatus for generating electrocardiogram precordial leads using a precordial central terminal	600/509		Brodnick, Donald E.
US 20030039343 A1	20030227	Method and apparatus for communicating data over a telephone line using an acoustic modem	379/93.37	379/93.28	Brodnick, Donald E.
US 20020193832 A1	20021219	Use of a polarizing field to modify the efficacy of a bioactive agent	607/3		Gray, James
US 20020190622 A1	20021219	Field emitter cell and array with vertical thin-film-edge emitter	313/309		Hsu, David S.Y. et al.
US 20020177755 A1	20021128	System for and method of establishing monitoring alarm limits based on physiological variables	600/300	600/301	Hutchinson, George M.
US 20020165436 A1	20021107	Medical device having a combination data reader and infrared data transceiver and method of using same	600/300	398/107	Schluter, Paul et al.
US 20020143974 A1	20021003	Local account manager for a media delivery network	709/231	707/10	Swix, Scott et al.
US 20020141348 A1	20021003	Remote diagnostic tool for a media delivery network	370/252	370/250; 375/222	Swix, Scott et al.
US 20020122188 A1	20020905	Printing method and apparatus	358/1.5		Elko, Paul P. et al.
US 20020087088 A1	20020704	Method and apparatus for generating a twelve-lead ECG from fewer than ten electrodes	600/509		Brodnick, Donald Eugene
US 20020082479 A1	20020627	Docking station for patient monitor or other electronic device	600/300	128/898	Frangesch, Richard J. et al.
US 20020016582	20020207	USE OF A POLARIZING FIELD TO MODIFY THE EFFICACY	604/500		GRAY, JAMES R

A1		OF A BIOACTIVE AGENT			
US 20010045392 A1	20011129	Wastewater treatment system and method	210/616	210/151	Gray, James R. et al.
US 20010020009 A1	20010906	Method for inhibiting cyclooxygenase and inflammation using cherry bioflavonoids	514/27	424/735	Nair, Muraleedharan G. et al.
US 20010002407 A1	20010531	Method for inhibiting cyclooxygenase and inflammation using cyanidin	514/27	424/735	Nair, Muraleedharan G. et al.
US 6993538 B2	20060131	System and process for identifying objects and/or points nearby a given object or point	707/104.1	340/988; 340/995.14; 701/201; 701/202; 701/212; 707/10; 707/4	Gray; James N.
US 6982737 B2	20060103	Printing method and apparatus	347/171		Elko; Paul P. et al.
US 6978470 B2	20051220	System and method for inserting advertising content in broadcast programming	725/32	725/46; 725/68; 725/85	Swix; Scott R. et al.
US 6974418 B1	20051213	Automatic calibration of blood volume status indicators	600/481	600/301; 600/485; 600/507	Hutchinson; George M. et al.
US 6970737 B1	20051129	Portable ECG device with wireless communication interface to remotely monitor patients and method of use	600/523		Brodnick; Donald Eugene et al.
US 6918878 B2	20050719	Methods and systems for monitoring respiration	600/483	600/500; 600/529; 600/586	Brodnick; Donald E.
US 6892093 B2	20050510	Method and apparatus for real time display of filtered electrocardiogram data	600/523	345/440; 345/441; 600/509	Brodnick; Donald Eugene
US 6862618 B1	20050301	Optimal link scheduling for multiple links	709/224	370/468; 709/232	Gray; James P. et al.
US 6749651 B2	20040615	Fuel additive compositions containing a mannich condensation product, a poly (oxyalkylene) monool, and a carboxylic acid	44/385	44/415; 44/443; 44/459	Carabell; Kevin D. et al.
US 6749596 B2	20040615	Use of a polarizing field to modify the efficacy of a bioactive agent	604/500	600/9; 604/20	Gray; James R.
US 6748256 B2	20040608	Physiological-signal-analysis device having a plurality of electrode leads	600/382	600/391	Brodnick; Donald E. et al.



US 6733551 B2	20040511	Method of improving the compatibility of a fuel additive composition containing a Mannich condensation product	44/385	44/333; 44/339; 44/415; 44/443; 44/459	Carabell; Kevin D. et al.
US 6665877 B1	20031223	Undergarments protecting against electrostatic field induced tissue degradation	2/69	2/400	Gray; James R.
US 6653929 B1	20031125	Method of determining network paths in a three stage switching matrix	340/2.1	340/2.2; 370/388; 370/390; 455/555; 455/560	Hu; Jimmy et al.
US 6649800 B1	20031118	Process for the preparation of polyalkylphenoxyaminoalkanes	564/413	564/353; 564/354	Gray; James A.
US 6636761 B2	20031021	Method and apparatus for generating a twelve-lead ECG from fewer than ten electrodes	600/509	600/382; 600/515	Brodnick; Donald Eugene
US 6625552 B1	20030923	Battery fuel gauge for display in battery-powered equipment	702/63	320/132	Delvecchio; Karen S. et al.
US 6623743 B1	20030923	Method for the use of cherry isolates providing antioxidant phytoceutical or nutraceutical benefits	424/400	424/439	Nair; Muraleedharan G. et al.
US 6594146 B2	20030715	Docking station for patient monitor or other electronic device	361/686	361/683	Frangesch; Richard J. et al.
US 6591135 B2	20030708	Portable patient monitor with defibrillator/pacemaker interface and battery power management	607/5	607/34	Palmer; Michael J. et al.
US 6585645 B2	20030701	System for and method of establishing monitoring alarm limits based on physiological variables	600/300	340/573.1; 600/301; 600/481; 600/508; 600/529	Hutchinson; George M.
US 6584182 B2	20030624	Method and apparatus for communicating data over a telephone line using an acoustic modem	379/93.37	379/443; 379/444	Brodnick; Donald E.
US 6576271 B2	20030610	Method for inhibiting inflammation using bioflavonoids	424/735	424/725	Nair; Muraleedharan G. et al.
US 6549423 B1	20030415	Medical device having a side loading battery compartment	361/798	361/814; 429/100; 429/96; 429/99	Brodnick; Donald E.
US 6531571	20030311	Method for the removal of excess	528/502A		Gray; James A.

B1		amounts of water-soluble amines from mannich condensation products			
US 6511519 B1	20030128	Fuel additive compositions containing a mannich condensation product, a poly(oxyalkylene) monool, and a carboxylic acid	44/385	44/415; 44/443	Ahmadi; Majid R. et al.
US 6488564 B1	20021203	Brassiere protecting against eletrostatic field induced tissue degradation	450/57	450/1	Gray; James R.
US 6486352 B1	20021126	Process for the preparation of polyalkylphenoxyaminoalkanes	564/353	564/354	Gray; James A.
US 6480895 B1	20021112	Integration of objects including Java bytecodes with legacy 3270 applications	709/231	709/202; 709/230; 709/236	Gray; James Peyton et al.
US 6462766 B1	20021008	Thermal recorder for use with battery-powered equipment	347/190		Roeber; Russell R. et al.
US 6447499 B2	20020910	Use of a polarized field to modify the efficacy of a bioactive agent	604/500	600/9; 604/20	Gray; James R.
US 6415169 B1	20020702	Multiple electrode assembly with extendible electrodes and methods of fabrication and application	600/382	600/386; 600/391; 600/393	Kornrumpf; William Paul et al.
US 6377860 B1	20020423	Networked vehicle implementing plug and play with javabeans	700/83	700/86; 701/36; 710/1	Gray; Jamison et al.
US 6353821 B1	20020305	Method and data processing system for detecting patterns in SQL to allow optimized use of multi-column indexes	707/2	707/3	Gray; James E.
US 6333598 B1	20011225	Low gate current field emitter cell and array with vertical thin-film-edge emitter	313/495	257/10; 313/309; 313/310; 313/336; 313/351	Hsu; David S. Y. et al.
US 6315750 B1	20011113	Orthopedic lumbar traction sitting device	602/32	602/36; 606/241	Gray; James T.
US 6282440 B1	20010828	Method to identify electrode placement	600/512		Brodnick; Donald E. et al.
US 6280119 B1	20010828	Apparatus and method for placing and engaging elongate workpieces	405/156	294/104; 405/175; 405/179; 414/745.5	Ryan; William Joseph et al.
US 6274777 B1	20010814	Method for removing boron from polyalkyl hydroxyaromatics	568/792	568/790	Gray; James A. et al.
US 6248968 B1	20010619	Method and apparatus for assaying seeds used in medical applications	209/576	209/542; 209/544	Suzuki; Arata et al.

US 6194469 B1	20010227	Method for inhibiting cyclooxygenase and inflammation using cherry bioflavonoids	514/27	424/735; 514/887	Nair; Muraleedharan G. et al.
US 6191557 B1	20010220	Dual-mode fuel gauge for display in battery-powered equipment	320/132	320/162; 324/427; 600/513; 702/63	Gray; James M. et al.
US 6187183 B1	20010213	Waste water treatment process and system with filtering media	210/150	210/617	Weaver; Lloyd et al.
US 6185491 B1	20010206	Networked vehicle controlling attached devices using JavaBeans.TM.	701/36	180/287; 340/426.28; 340/825.22; 701/210; 701/33; 715/500; 715/536	Gray; Jamison et al.
US 6178448 B1	20010123	Optimal link scheduling for multiple links by obtaining and utilizing link quality information	709/224	370/468; 709/232; 709/233	Gray; James P. et al.
US 6150408 A	20001121	Tart cherry compounds that have antioxidant activity and uses thereof	514/532	426/544; 560/75	Nair; Muraleedharan G. et al.
US 6129945 A	20001010	Methods to reduce free fatty acids and cholesterol in anhydrous animal fat	426/580	426/417; 426/581; 426/585; 426/586; 426/664	Awad; Aziz Chafic et al.
US 6077299 A	20000620	Non-invasively adjustable valve implant for the drainage of aqueous humor in glaucoma	623/24	604/9	Adelberg; Daniel A. et al.
US 6011918 A	20000104	Methods, systems and computer program products for generating client/server applications	717/106	709/201; 709/203; 709/226; 718/102; 718/104; 719/315; 719/330	Cohen; Geoffrey Alexander et al.
US 5993881 A	19991130	Compositions for inhibiting oxidation	426/541	426/544; 426/545	Gray; James Ian et al.
US 5985636 A	19991116	Method and compositions for inhibiting oxidation	435/195	426/541	Gray; James Ian et al.
US 5971933 A	19991026	Method and apparatus to correct for electric field non-uniformity in conductance catheter volumetry	600/526		Gopakumaran; Balakrishnan et al.
US 5967772 A	19991019	Orthodontic anchor system	433/7	433/18; 433/21;	Gray; James B.

				433/24	
US 5921945 A	19990713	Splint/therapeutic device	602/5	128/882; 602/20; 602/21	Gray; James C.
US 5911873 A	19990615	Apparatus and method for operating an ISFET at multiple drain currents and gate-source voltages allowing for diagnostics and control of isopotential points	205/789	204/401; 204/408; 204/416; 205/787.5; 257/253	McCarron; Robert Tanner et al.
US 5892754 A	19990406	User controlled adaptive flow control for packet networks	370/236	370/252; 370/406; 370/410	Kompella; Vachaspathi P. et al.
US 5882312 A	19990316	Method and apparatus to correct for electric current leakage in conductance volumetry	600/526	600/547	Gopakumaran; Balakrishnan et al.
US 5836902 A	19981117	Splint	602/5	128/882; 602/20; 602/21	Gray; James C.
US 5805705 A	19980908	Synchronization of encryption/decryption keys in a data communication network	713/160	380/260; 713/162	Gray; James P. et al.
US 5758335 A	19980526	Optimizing table join ordering using graph theory prior to query optimization	707/2	707/101; 707/4	Gray; James E.
US 5706348 A	19980106	Use of marker packets for synchronization of encryption/decryption keys in a data communication network	713/160	380/260; 380/283; 713/162	Gray; James P. et al.
US 5700140 A	19971223	Pump with improved bearing arrangement for axial position control	418/104	418/259; 418/270	Gray; James Delwin et al.
US 5642421 A	19970624	Encryption of low data content ATM cells	713/160	370/477; 380/269	Gray; James P. et al.
US 5613060 A	19970318	Asynchronous resynchronization of a commit procedure	714/15	718/100	Britton; Kathryn H. et al.
US 5607913 A	19970304	Acidic liquid detergent compositions for bathrooms	510/413	134/40; 510/414; 510/422; 510/423; 510/424; 510/432; 510/434	Woo; Ricky A. et al.
US 5606745 A	19970304	Resistance exercise suit with semi-rigid resistant ribs	2/69	2/227; 2/228; 482/121	Gray; James C.

US 5584799 A	19961217	Splint/therapeutic device	602/5	602/18; 602/19	Gray; James C.
US 5488703 A	19960130	System for establishing and performing multiple conversations simultaneously between transaction programs through logical units	709/228		Ferree; Marsha E. et al.
US 5474079 A	19951212	Signal acquisition method	600/524		Brodnick; Donald E. et al.
US 5432926 A	19950711	Method and apparatus for improving database reliability and response time in a distributed transaction processing system	714/4	709/237; 714/15	Citron; Andrew P. et al.
US 5431552 A	19950711	Vane pump	418/150	418/15; 418/268	Davis; James J. et al.
US 5399280 A	19950321	Acidic liquid detergent compositions for bathrooms	510/424	134/40; 510/191; 510/238; 510/362; 510/434; 510/506	Woo; Ricky A. et al.
US 5319773 A	19940607	Asynchronous resynchronization of a commit procedure	714/15		Britton; Kathryn H. et al.
US 5295948 A	19940322	Splint/therapeutic device	602/5	128/882; 602/20; 602/21	Gray; James C.
US 5224098 A	19930629	Compensation for mismatched transport protocols in a data communications network	709/233	370/522; 709/228; 709/230; 709/246; 710/105	Bird; Raymond F. et al.
US 5149125 A	19920922	Golf driving range cart apparatus	280/651	280/47.35; 312/324; D34/20	Gray; James
US 5131016 A	19920714	Communications network data compression control system and method	375/240	333/14; 340/2.1; 370/477; 379/221.07; 379/273	Broughton; John C. et al.
US 5109483 A	19920428	Node initiating XID exchanges over an activated link including an exchange of sets of binding signals between nodes for establishing sessions	709/227	709/242	Baratz; Alan E. et al.
US 5101348 A	19920331	Method of reducing the amount of information included in topology	709/242	709/224	Arrowood; Andrew H. et

		database update messages in a data communications network			al.
US 5053231 A	19911001	Process for preparing an alcoholic product	426/11	435/96; 435/99; 536/124	Riffkin; Harry L. et al.
US 5051892 A	19910924	Full duplex conversation between transaction programs	710/105	379/209.01	Ferree; Marsha E. et al.
US 4975914 A	19901204	Non-disruptive session recovery	714/4		Ashton; James L. et al.
US 4972437 A	19901120	Method of controlling limited resource sessions in a data communications network	375/259	340/2.7; 370/450	Citron; Andrew P. et al.
US 4954821 A	19900904	Method of establishing transmission group numbers for network links	340/825.52	340/2.1; 340/825.5; 370/255; 370/410	Gray; James P. et al.
US 4926933 A	19900522	Method and apparatus relating to heat exchangers	165/173	165/179; 165/184; 165/905; 165/DIG.471	Gray; James
US 4914571 A	19900403	Locating resources in computer networks	707/10	710/17	Baratz; Alan E. et al.
US 4873517 A	19891010	Method for selecting least weight end node to end node route in a data communications network	370/236	370/238; 370/351; 379/221.07	Baratz; Alan E. et al.
US D301687 S	19890620	Mine roof support plate	D8/399	D8/353	Cassidy; Bruce A. et al.
US 4829935 A	19890516	Animal feeding device	119/54	119/56.1; 222/511	Gray; James A.
US 4827411 A	19890502	Method of maintaining a topology database	707/206	370/254; 707/104.1	Arrowood; Andrew H. et al.
US 4758068 A	19880719	Controlling radiation beam diameters	369/100	359/900; 372/705	Aughton; John E. et al.
US 4738833 A	19880419	Self-regulating dosing dispenser	422/266	4/223; 4/231; 422/277	Gray; James R.
US 4736369 A	19880405	Adaptive session-level pacing	370/231	370/465	Barzilai; Tsipora P. et al.
US 4726700 A	19880223	Rub-on applicator	401/183	222/109; 222/215; 401/15; 401/196; 401/266	Gray; James R.
US D294265 S	19880216	Fluid ejector pump	D15/7		Gray; James D.

US 4688035 A	19870818	End user data stream syntax	340/825.52	370/471	Gray; James P. et al.
US 4677588 A	19870630	Network interconnection without integration	709/228	709/245; 709/249	Benjamin; Jay H. et al.
US 4660196 A	19870421	Digital audio satellite transmission system	370/326	370/521; 370/536; 714/786	Gray; James S. et al.
US 4633589 A	19870106	Can opener	30/427		Gray; James W.
US 4567591 A	19860128	Digital audio satellite transmission system	370/326	370/521; 370/535; 714/786	Gray; James S. et al.
US 4565728 A	19860121	System and method for application of internal heating to thermally responsive structures	428/200	156/275.1; 156/304.4; 156/304.7; 156/502; 156/579; 428/113; 428/349; 428/62; 428/913	Gray; James B. et al.
US 4507751 A	19850326	Method and apparatus for logging journal data using a log write ahead data set	707/202	707/200	Gawlick; Dieter et al.
US 4483896 A	19841120	Carpet seaming tape with separate heating circuits	428/200	219/245; 219/549; 428/113; 428/349; 428/62; 428/913	Gray; James B. et al.
US 4451941 A	19840605	Toilet bowl sanitizer dispenser	4/227.4	134/36	Gray; James R.
US D272737 S	19840221	Radio	D14/137		Coons; John C. et al.
US 4405088 A	19830920	Adaptor for disposable cans for siphon-type spray paint guns	239/302	239/DIG.14	Gray; James W.
US 4379545 A	19830412	Side lift jack for unibody automobiles	254/8B	254/124	Gray; Joseph L. et al.
US 4373685 A	19830215	Strand carrier	242/118.6		Hutchinson; George M. et al.
US 4362951 A	19821207	Cycle charge standby power system	307/66		Turner; Charles S. et al.
US 4342387 A	19820803	Method and apparatus for linearly conveying wheeled vehicles	198/746	198/747	Gray; James H.
US 4193650	19800318	Adjustable shelf device	312/205	108/61;	Gray; James A.

A				108/92; 312/108; 312/111; 312/257.1	et al.
US 4189964 A	19800226	Device to remove concentric knockouts in electrical apparatus	30/241	30/360; 7/134; 7/144	Gray; James W.
US 4169128 A	19790925	Coal liquefaction apparatus	422/224	165/903; 208/402; 208/408; 219/523; 338/218; 422/199; 422/202; 422/232; 422/310; 48/77	Sinor; Jerry E. et al.
US 4039075 A	19770802	Method and apparatus for linearly conveying wheeled vehicles	198/746	104/162; 104/172.3; 134/123; 134/45; 414/259	Gray; James Harrel
US 4031654 A	19770628	Insect trap	43/114		Gray; James R.
US 4007053 A	19770208	Method and apparatus for scrubbing the ends and sides of a motor vehicle	134/6	134/32; 15/53.3; 15/DIG.2	Gray; James H.
US 3949941 A	19760413	Thermoplastic waste converter	241/41	241/15	Gray; Bob P. et al.
US 3926663 A	19751216	Method and apparatus for scrubbing the ends and sides of a motor vehicle	134/6	134/32; 15/53.1; 15/DIG.2	Gray; James H.
US 3897011 A	19750729	Thermoplastic waste converter	241/15	241/38	Gray; Bob P. et al.
US 3888106 A	19750610	Testing apparatus for flow measuring devices	73/1.27		Last; Bernard et al.
US 3807677 A	19740430	CLIP FOR SUPPORTING AN I-BEAM	248/316.1		Munnoch; William C. et al.
US 3804053 A	19740416	COMBINATION STOP AND ALARM	116/13	116/112; 116/86	Gray; James R.
US 3771278 A	19731113	FITTING AND METHOD FOR FILLING OR EVACUATING A CONTAINER	53/403	220/2.2; 285/133.11; 285/382.2; 29/516; 53/432; 53/510;	Gray; James G. et al.



				53/88	
US 3770983 A	19731106	HIGH-SPEED HIGH-SENSITIVITY THRESHOLD DETECTOR	327/77	327/325; 327/330	Gray; James S.
US 3729909 A	19730501	COTTON STRIPPING MEANS	56/34	56/127	Gray; James H. et al.
US 3650494 A	19720321	TEXTILE CARRIER	242/118.61		Hutchinson; George M.
US 3550853 A	19701229	VAPOR DISPENSER MEANS [TEXT AVAILABLE IN USOCR DATABASE]	239/44		GRAY JAMES R
US 3506149 A	19700414	AUTOMATIC BUCKET POSITIONER [TEXT AVAILABLE IN USOCR DATABASE]	414/701	414/706	GRAY JAMES T
US 3486215 A	19691230	TOOL FOR ASSEMBLING PIPE SECTIONS [TEXT AVAILABLE IN USOCR DATABASE]	29/237		GRAY JAMES W
US 3477520 A	19691111	QUICKLY DETACHABLE SCRAPER BLADES [TEXT AVAILABLE IN USOCR DATABASE]	172/701.3	172/751; 172/753; 37/446	GRAY JAMES J
US 3469509 A	19690930	METAL DECKING [TEXT AVAILABLE IN USOCR DATABASE]	404/41	14/73; 404/42; 52/180; 52/581; 52/592.2	HUTCHINSON GEORGE
US 3468477 A	19690923	VOTING MACHINE [TEXT AVAILABLE IN USOCR DATABASE]	235/50R		GRAY JAMES JR
US 3467991 A	19690923	COTTON CLEANER [TEXT AVAILABLE IN USOCR DATABASE]	19/203		GRAY JAMES H
US 3466707 A	19690916	FLARING TOOL [TEXT AVAILABLE IN USOCR DATABASE]	425/193	425/392; 72/317	CLICK GAYLON T et al.
US 3425097 A	19690204	AIR WASH COTTON CLEANER AND TRANSPORTATION SYSTEM [TEXT AVAILABLE IN USOCR DATABASE]	19/203	19/204	ROOD WILLIAM E JR et al.
US 3417965 A	19681224	Vehicle guard rail [TEXT AVAILABLE IN USOCR DATABASE]	256/13.1		GRAY JAMES H
US 3410995 A	19681112	Upright, sectional, tubular support standard [TEXT AVAILABLE IN USOCR DATABASE]	52/28	248/121; 248/219.2; 285/2;	GRAY JAMES F

				285/405; 362/431; 403/336; 403/354; 403/84	
US 3404231 A	19681001	Framing of pulse code transmission systems by use of an added tone signal [TEXT AVAILABLE IN USOCR DATABASE]	375/364	370/516; 370/525; 375/242	AARON MARVIN R et al.
US 3399518 A	19680903	Trash-removal system [TEXT AVAILABLE IN USOCR DATABASE]	56/28		GRAY JAMES H
US 3349195 A	19671024	Apparatus for testing digital-to-analog converters [TEXT AVAILABLE IN USOCR DATABASE]	324/537	324/76.35; 341/120	GRAY JAMES R
US 3342310 A	19670919	Ground cotton retrieving system and belt [TEXT AVAILABLE IN USOCR DATABASE]	198/803.1	56/28	GRAY JAMES H
US 3332085 A	19670718	Multi-track magnetic recorder with rotatable head assembly [TEXT AVAILABLE IN USOCR DATABASE]	360/261	360/78.02	GRAY JAMES L
US 3302927 A	19670207	Portable automobile lift having transversely adjustable bumper-engaging means and separate frame-engaging means [TEXT AVAILABLE IN USOCR DATABASE]	254/2B	254/134	GRAY JAMES J
US 3292168 A	19661213	High resolution, head positioner system [TEXT AVAILABLE IN USOCR DATABASE]	360/77.12	318/578; 360/77.02	GRAY JAMES L
US 3279941 A	19661018	Method of forming a moisture-collecting coating of porous glass [TEXT AVAILABLE IN USOCR DATABASE]	427/64	313/292; 313/313; 313/317; 313/553; 427/106; 65/33.4	FOSTER LAURENCE H et al.
US 3241734 A	19660322	Tree seat [TEXT AVAILABLE IN USOCR DATABASE]	224/155	182/187	GRAY JAMES D
US 3225528 A	19651228	Cotton picking spindle [TEXT AVAILABLE IN USOCR DATABASE]	56/50		GRAY JAMES H
US 3202180 A	19650824	Fluid pulse generator [TEXT AVAILABLE IN USOCR DATABASE]	137/625.15	101/93; 116/147; 137/625.46;	GRAY JAMES L

				235/201FS; 235/91R	
US 3164940 A	19650112	Cotton scrapper means [TEXT AVAILABLE IN USOCR DATABASE]	56/28	198/318; 198/692; 56/328.1	GRAY JAMES H
US 3141188 A	19640721	Door stop [TEXT AVAILABLE IN USOCR DATABASE]	16/86A	16/83; 292/338; 292/DIG.15	GRAY JAMES H
US 3138273 A	19640623	Barrel or tank stand [TEXT AVAILABLE IN USOCR DATABASE]	414/754		GRAY JAMES E
US 3033057 A	19620508	Support and drive mechanism for tumblers [TEXT AVAILABLE IN USOCR DATABASE]	366/144	366/22; 366/220; 366/233; 432/103; 451/328; 451/914; 475/221; 74/721	GRAY JAMES F
US 2994092 A	19610801	Toilet flushing assembly [TEXT AVAILABLE IN USOCR DATABASE]	4/359	137/605	GRAY JAMES A
US 2987279 A	19610606	Shock-absorbing suspension system for parachute [TEXT AVAILABLE IN USOCR DATABASE]	244/151R		GRAY JAMES H
US 2943431 A	19600705	Cotton picking spindle [TEXT AVAILABLE IN USOCR DATABASE]	56/50		GRAY JAMES H et al.
US 2942403 A	19600628	Tail forming device for bobbin twister [TEXT AVAILABLE IN USOCR DATABASE]	57/299	242/125.1; 242/478.7	ELLIOTT JAMES M et al.
US 2924442 A	19600209	Impact meter [TEXT AVAILABLE IN USOCR DATABASE]	73/492	73/514.37	GRAY JAMES H
US 2922633 A	19600126	Impact meter [TEXT AVAILABLE IN USOCR DATABASE]	73/492	235/91H; 73/495; 73/514.37	GRAY JAMES H
US 2883029 A	19590421	Typewriter ribbon attachment [TEXT AVAILABLE IN USOCR DATABASE]	400/208	400/219; 400/222; 400/244	GRAY JAMES A
US 2882533 A	19590421	Toilet flusher [TEXT AVAILABLE IN USOCR DATABASE]	4/334	181/234; 4/367; 4/390	GRAY JAMES A
US 2868493 A	19590113	Flushing device [TEXT AVAILABLE IN USOCR	251/49	4/359	GRAY JAMES A

		DATABASE]			
US 2867820 A	19590113	Submerged flushing device [TEXT AVAILABLE IN USOCR DATABASE]	4/361	251/48; 4/367; 4/390	GRAY JAMES A
US 2798518 A	19570709	Hand-manipulable portable band-saw assembly [TEXT AVAILABLE IN USOCR DATABASE]	30/374	30/380; 83/98	GRAY JAMES W
US 2798352 A	19570709	Cotton stripping or doffing device [TEXT AVAILABLE IN USOCR DATABASE]	56/41		GRAY JAMES H
US 2711722 A	19550628	Animal actuated livestock medicator [TEXT AVAILABLE IN USOCR DATABASE]	119/656	119/661	GRAY JAMES W
US 2711721 A	19550628	Livestock operated medicament distributor [TEXT AVAILABLE IN USOCR DATABASE]	119/656		GRAY JAMES W
US 2701670 A	19550208	Side mount tire carrier [TEXT AVAILABLE IN USOCR DATABASE]	224/42.32	224/403; 224/42.24	HUTCHINSON GEORGE R
US 2673339 A	19540323	Gas detector [TEXT AVAILABLE IN USOCR DATABASE]	340/532	340/501; 340/525; 340/632; 422/94; 73/31.05	GRAY JAMES W et al.
US 2440585 A	19480427	Roller [TEXT AVAILABLE IN USOCR DATABASE]	404/117		HUTCHINSON GEORGE W
US 2418360 A	19470401	Dishwasher [TEXT AVAILABLE IN USOCR DATABASE]	251/144	137/881; 401/43; 422/263; 422/266	MATLACK THOMAS M et al.
US 2363249 A	19441121	Protector for use with parachutes [TEXT AVAILABLE IN USOCR DATABASE]	244/121	206/522; 206/83.5; 244/151R; 441/87	HUTCHINSON GEORGE R
US 2356852 A	19440829	Method and apparatus for making concrete pipe [TEXT AVAILABLE IN USOCR DATABASE]	264/72	264/312; 264/336; 264/71; 425/262; 425/432; 425/DIG.119	HUTCHINSON GEORGE W
US 2353303 A	19440711	Aircraft control [TEXT AVAILABLE IN USOCR DATABASE]	244/110D	244/113	GRAY JAMES D M
US 2345558 A	19440404	Cracking hydrocarbon oils [TEXT AVAILABLE IN USOCR	208/75	196/116	DE FLOREZ LUIS et al.

		DATABASE]			
US 2344701 A	19440321	Roller [TEXT AVAILABLE IN USOCR DATABASE]	404/117		HUTCHINSON GEORGE W
US 2275426 A	19420310	Container [TEXT AVAILABLE IN USOCR DATABASE]	220/284	220/309.1; 220/378	GRAY JAMES A
US 2258323 A	19411007	Automatic fuel shutoff for vehicles [TEXT AVAILABLE IN USOCR DATABASE]	180/282	137/45; 251/64	GRAY JAMES E
US 2247553 A	19410701	Concrete testing apparatus [TEXT AVAILABLE IN USOCR DATABASE]	73/54.03	73/150R; 73/594	HUTCHINSON GEORGE W
US 2178834 A	19391107	Process of treating hydrocarbon oils [TEXT AVAILABLE IN USOCR DATABASE]	208/75	196/110; 208/83	GRAY JAMES W et al.
US 2166904 A	19390718	Level column for evaporators and fractionating towers [TEXT AVAILABLE IN USOCR DATABASE]	73/299	422/191	GRAY JAMES W
US 2163306 A	19390620	Conversion of hydrocarbon oil [TEXT AVAILABLE IN USOCR DATABASE]	208/76	196/111; 196/125; 196/126; 208/131; 208/72	GRAY JAMES W
US 2115665 A	19380426	Apparatus for temperature control [TEXT AVAILABLE IN USOCR DATABASE]	236/1R	236/15R; 236/92R	DE FLOREZ LUIS et al.
US 2086490 A	19370706	Conversion of hydrocarbon oils [TEXT AVAILABLE IN USOCR DATABASE]	208/103	208/347	DE FLOREZ LUIS et al.
US 2042713 A	19360602	Art of heating and distillation [TEXT AVAILABLE IN USOCR DATABASE]	203/92	122/31.1; 159/16.3; 159/46; 202/177; 203/100	GRAY JAMES W
US 2031533 A	19360218	Column level gauge [TEXT AVAILABLE IN USOCR DATABASE]	73/329		GRAY JAMES W
US 2027728 A	19360114	Vehicle wheel and tire lock [TEXT AVAILABLE IN USOCR DATABASE]	70/259	152/385; 70/260	GRAY JAMES H
US 2010816 A	19350813	Apparatus for reforming can bodies [TEXT AVAILABLE IN USOCR DATABASE]	72/177	72/182; 72/407	GRAY JAMES A
US 1986431 A	19350101	Steam column still [TEXT AVAILABLE IN USOCR DATABASE]	202/158	196/139; 203/97; 208/350;	GRAY JAMES W

				261/114.1	
US 1965075 A	19340703	Treating hydrocarbon oils [TEXT AVAILABLE IN USOCR DATABASE]	208/104	196/107	GRAY JAMES W
US 1963991 A	19340626	Vacuumizing apparatus [TEXT AVAILABLE IN USOCR DATABASE]	99/472		GRAY JAMES A
US 1953013 A	19340327	Art of distillation [TEXT AVAILABLE IN USOCR DATABASE]	208/350	196/106; 196/125; 196/132; 196/134; 196/139; 196/140; 208/354	GRAY JAMES W
US 1843219 A	19320202	Bail ear soldering machine [TEXT AVAILABLE IN USOCR DATABASE]	219/85.19	192/13A	GRAY JAMES A et al.
US 1841590 A	19320119	Vacuum closing machine [TEXT AVAILABLE IN USOCR DATABASE]	53/91	413/45	GRAY JAMES A
US 1810169 A	19310616	Moving picture screen [TEXT AVAILABLE IN USOCR DATABASE]	442/44	359/443; 359/452; 428/325; 428/332; 428/355R; 428/918; 442/45; 442/73	GRAY JAMES A
US 1810168 A	19310616	Motion picture screen [TEXT AVAILABLE IN USOCR DATABASE]	359/452	362/326; 404/14; 427/163.3; 427/163.4; 428/149	GRAY JAMES A
US 1792978 A	19310217	Apparatus for making angular containers [TEXT AVAILABLE IN USOCR DATABASE]	228/5.1		GRAY JAMES A
US 1767667 A	19300624	Germicidal compound [TEXT AVAILABLE IN USOCR DATABASE]	424/637	424/638; 424/641; 424/667; 424/669	GRAY JAMES M
US 1724403 A	19290813	Process of preparing concrete [TEXT AVAILABLE IN USOCR DATABASE]	222/77	222/129; 222/344; 241/100	HUTCHINSON GEORGE W
US 1705971 A	19290319	Handle-soldering apparatus [TEXT AVAILABLE IN USOCR DATABASE]	228/6.1		GRAY JAMES A

US 1696196 A	19281225	Liquid-fuel burner [TEXT AVAILABLE IN USOCR DATABASE]	239/125	239/456; 239/482; 239/544; 431/8	GRAY JAMES H
US 1692033 A	19281120	Cleat-making and cleat and handle assembling machine [TEXT AVAILABLE IN USOCR DATABASE]	29/243.57	221/261; 29/3; 29/509; 72/403	GRAY JAMES A
US 1689670 A	19281030	Entrail-collecting means for eviscerating apparatus [TEXT AVAILABLE IN USOCR DATABASE]	452/116	406/62	GRAY JAMES A
US 1689669 A	19281030	Apparatus for interlocking and uniting the hooked edges of blanks to form can bodies [TEXT AVAILABLE IN USOCR DATABASE]	413/73		GRAY JAMES A
US 1689668 A	19281030	Blank-feed mechanism [TEXT AVAILABLE IN USOCR DATABASE]	271/31	271/31.1; 271/8.1	GRAY JAMES A
US 1649304 A	19271115	Fish-feeding means [TEXT AVAILABLE IN USOCR DATABASE]	198/400	193/46; 198/397.02; 198/397.06; 198/443; 198/954; 452/179	GRAY JAMES A
US 1644372 A	19271004	Burner for liquid fuel [TEXT AVAILABLE IN USOCR DATABASE]	431/89	431/161; 431/175	GRAY JAMES H
US 1636957 A	19270726	Creased flange [TEXT AVAILABLE IN USOCR DATABASE]	220/614	220/619; 413/4	GRAY JAMES A
US 1628968 A	19270517	Fish eviscerator [TEXT AVAILABLE IN USOCR DATABASE]	452/116		GRAY JAMES A
US 1613886 A	19270111	Closure means for filling openings [TEXT AVAILABLE IN USOCR DATABASE]	220/830	220/849; 49/401	GRAY JAMES W
US 1554002 A	19250915	Electric furnace [TEXT AVAILABLE IN USOCR DATABASE]	373/99	313/146; 313/243; 313/32; 313/35; 373/103; 373/84	GRAY JAMES H
US 1552143 A	19250901	Melting low volatile metals and smelting ores thereof [TEXT	373/60	373/61; 373/88	GRAY JAMES H

		AVAILABLE IN USOCR DATABASE]			
US 1552142 A	19250901	Electric furnace [TEXT AVAILABLE IN USOCR DATABASE]	373/84	313/147; 313/267; 313/36; 373/94	GRAY JAMES H
US 1527183 A	19250224	Body-gauging hammer [TEXT AVAILABLE IN USOCR DATABASE]	413/73		GRAY JAMES A
US 1483796 A	19240212	Melting or smelting low volatile metals [TEXT AVAILABLE IN USOCR DATABASE]	373/62		GRAY JAMES H
US 1445833 A	19230220	Sadiron [TEXT AVAILABLE IN USOCR DATABASE]	126/411		GRAY JAMES H
US 1445679 A	19230220	Slag pocket and method of removing slag [TEXT AVAILABLE IN USOCR DATABASE]	432/2	432/71; 432/75	GRAY JAMES H
US 1440288 A	19221226	Timed feed mechanism [TEXT AVAILABLE IN USOCR DATABASE]	198/459.5	198/468.1; 198/610	GRAY JAMES A
US 1439410 A	19221219	Refractory material and furnace wall built thereof [TEXT AVAILABLE IN USOCR DATABASE]	266/280	110/338; 264/30; 264/DIG.57; 52/612; 65/374.13; 65/374.15	GRAY JAMES H
US 1437732 A	19221205	Controlling device for automobile headlights [TEXT AVAILABLE IN USOCR DATABASE]	362/43	362/421; 74/503	GRAY JAMES E
US 1436761 A	19221128	Machine for positioning and clinching ends upon can bodies [TEXT AVAILABLE IN USOCR DATABASE]	413/30		GRAY JAMES A
US 1436497 A	19221121	Electrode furnace [TEXT AVAILABLE IN USOCR DATABASE]	373/99		GRAY JAMES H
US 1417666 A	19220530	Fruit-cutting apparatus [TEXT AVAILABLE IN USOCR DATABASE]	83/872		GRAY JAMES A
US 1408086 A	19220228	Regenerator chamber [TEXT AVAILABLE IN USOCR DATABASE]	432/70	110/308; 165/5	GRAY JAMES H
US 1398262 A	19211129	Controlling device for automobile-headlights [TEXT AVAILABLE IN USOCR DATABASE]	362/420	362/421; 74/503	GRAY JAMES E



US 1386702 A	19210809	Ladle [TEXT AVAILABLE IN USOCR DATABASE]	222/602	222/166; 222/509; 222/559; 222/604	GRAY JAMES H
US 1376758 A	19210503	Operating mechanism for, electric furnaces [TEXT AVAILABLE IN USOCR DATABASE]	373/105	248/329; 313/147	GRAY JAMES H
US 1373001 A	19210329	Multiple-spindle double-seamer [TEXT AVAILABLE IN USOCR DATABASE]	413/37		GRAY JAMES A
US 1370807 A	19210308	Can feeding and re-forming and end-applying machine [TEXT AVAILABLE IN USOCR DATABASE]	413/44	413/47; 493/105; 493/108; 493/120	GRAY JAMES A
US 1366002 A	19210118	Apparatus for utilizing wave force [TEXT AVAILABLE IN USOCR DATABASE]	417/100		HUTCHINSON GEORGE L
US 1358148 A	19201109	Woodworking-machine [TEXT AVAILABLE IN USOCR DATABASE]	144/38	144/115	GRAY JAMES W
US 1358088 A	19201109	Loom let-off mechanism [TEXT AVAILABLE IN USOCR DATABASE]	139/113		MAFFETT WILLIAM L et al.
US 1356980 A	19201026	Apparatus for flanging can-bodies [TEXT AVAILABLE IN USOCR DATABASE]	72/323	116/67R; 72/4	GRAY JAMES A
US 1351951 A	19200907	Multiple-disk-cutting apparatus [TEXT AVAILABLE IN USOCR DATABASE]	83/97	101/226	GRAY JAMES A
US 1349833 A	19200817	Can-end-feed mechanism [TEXT AVAILABLE IN USOCR DATABASE]	413/52		GRAY JAMES A
US 1340951 A	19200525	Smelting tin and other ores [TEXT AVAILABLE IN USOCR DATABASE]	75/10.59	75/10.62	GRAY JAMES H
US 1327994 A	19200113	Mechanism for seaming ends to can-bodies [TEXT AVAILABLE IN USOCR DATABASE]	413/45		GRAY JAMES A